

2018 96078 W REVISION DATE: 16 JUN 2016
 Army MCA (AS OF 06/17/2016 AT 09:20:42) 16 JUN 2016
 ACF=1.00 UM=E

Fort Example
CONUS

Automated Record Fire (ARF) Range

178 05 96078 1,600

PRIMARY FACILITY				1,461
Auto Record Fire Range [UC placeholder]	FP	16	2,875	(46)
Range Ops & Ctrl Area [UC placeholder]	EA	1	22,646	(23)
Control Tower	EA	1	312,432	(312)
Operations/Storage Building	SF	800	290.29	(232)
Classroom Building	SF	800	334.00	(267)
Total from Continuation page(s)				(581)

SUPPORTING FACILITIES

ESTIMATED CONTRACT COST	1,461
CONTINGENCY (5.00%)	73
SUBTOTAL	1,534
SUPERVISION, INSPECTION & OVERHEAD (5.70%)	87
TOTAL REQUEST	1,621
TOTAL REQUEST (ROUNDED)	1,600
INSTALLED EQT-OTHER APPROPRIATIONS	(641)

Construct a standard design Automated Record Firing (ARF) Range. Primary facilities include the ARF range, range operations and control area, range control tower, range operations and storage building, classroom building, latrine, covered bleachers enclosure, covered mess, ammunition breakdown building, and building information systems. Supporting facilities include electric service and information systems. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance.

11. REQ:	NONE	ADQT:	NONE	SUBSTD:	NONE
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PROJECT:

Construct a standard design Automated Record Firing (ARF) Range.

ADDITIONAL:

The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components.

ESTIMATED CONSTRUCTION START:	MAR 2018	INDEX:	2885
ESTIMATED MIDPOINT OF CONSTRUCTION:	OCT 2018	INDEX:	2918
ESTIMATED CONSTRUCTION COMPLETION:	MAY 2019	INDEX:	2952

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9. COST ESTIMATES (CONTINUED)

ITEM	UM	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY (CONTINUED)				
Field Latrine-Aerated Vault Type	SF	330	671.98	(222)
Bleacher Enclosure	EA	1	115,900	(116)
Ammunition Breakdown Building	SF	185	551.65	(102)
Covered Mess	SF	800	153.00	(122)
Sustainability/Energy Measures	LS	--	--	(19)
			Total	581

Fort Example
CONUS

Automated Record Fire (ARF) Range

96078

Item	U/M	Qty	Unit Cost	Cost (\$000)
PRIMARY FACILITY.				
GENERAL.				
1.0) 17805 Auto Record Fire Range [UC plac	FP	16	2,874.94	(46)
1) Stnary Target Emplacements [UC	EA	112	9.64	1
2) Walk-In Foxhole [UC placeholder	EA	16	64.24	1
3) Service Roads [Quan & UC placeh	SY	1	1,070.75	1
4) Grading & Drainage [Quan & UC P	AC	1	1,070.75	1
5) Clearing and Grubbing [Quan pla	AC	1	4,586.42	5
6) Lane Markers	EA	16	1,006.83	16
7) Limit Markers	EA	2	3,476.18	7
8) Heavy Duty Pipe Gate	EA	1	4,452.99	4
9) Downrange Electrical [UC placeh	EA	1	1,070.75	1
10) Target Boots	EA	32	268.06	9
2.0) 17805 Range Ops & Ctrl Area [UC place	EA	1	22,646	(23)
1) 85120 Access Road [Quan placeholder]	SY	100	10.90	1
2) 87210 Fencing [Quan placeholder]	LF	30	31.60	1
3) Sidewalks [Quan & UC placeholderde	SF	1	1,070.75	1
4) 85120 Parking [Quan placeholder]	SY	100	10.90	1
5) Grading & Drainage [Quan & UC P	AC	1	1,070.75	1
6) 93210 Clearing and Grubbing [Quan pla	AC	1	4,586.42	5
7) Range Flag Pole	EA	1	9,255.53	9
8) 87250 Gates - 24 ft pair	EA	2	1,767.00	4
3.0) 17971 Control Tower	EA	1	312,432	(312)
4.0) 17122 Operations/Storage Building	SF	800	290.29	(232)
5.0) 17123 Classroom Building	SF	800	334.00	(267)
6.0) 73075 Field Latrine-Aerated Vault Type	SF	330	671.98	(222)
7.0) 75061 Bleacher Enclosure	EA	1	115,900	(116)
8.0) 17122 Ammunition Breakdown Building	SF	185	551.65	(102)
9.0) 17139 Covered Mess	SF	800	153.00	(122)
10.0) 00005 Sustainability/Energy Measures	LS	--	--	(19)
1) Sustainability/Energy Measures	LS	--	--	19

INFO SYS & ANTITERRORISM MEASURES.

The following Building Information Systems cost can be found only in Tab F: \$0

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Automated Record Fire (ARF) Range 96078

Item	U/M	Qty	Unit Cost	Cost (\$000)
SUPPORTING FACILITIES.				

FY 2018

96078 W

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FORM/PROJECT NUMBER: 96078

PROJECT TITLE: Automated Record Fire (ARF) Range

INSTALLATION: Fort Example

LOCATION: CONUS

TAB C - GENERAL JUSTIFICATION DATA

Remarks and/or Preparer Notes for Standard Facilities

List additional Supporting Facilities in Tab A's Description of Proposed Construction text paragraph, if appropriate.

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INSTALLATION: Fort Example
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TAB E - FURNISHINGS AND EQUIPMENT

Furnishings and Equipment

Item Description	Total Proc Cost Appr Proc (\$000) FY Appr	Est Delivery Date	Proc Status	Est Instl Cost Instl (\$000) FY Instl
1 Furniture	16 2019 OMA			
Footnote:				
Source of furniture pricing data is the Center of Standardization for this facility type				
2 Targetry	641 2019 OPA			
Footnote:				
Source of furniture pricing data is the Center of Standardization for this facility type				

Information Systems Equipment

Item Description	Total Proc Cost Appr Proc (\$000) FY Appr	Est Delivery Date	Proc Status	Est Instl Cost Instl (\$000) FY Instl
1 Info Sys - ISC	0 2019 OPA			
2 Info Sys - PROP	0 2019			

Totals by Appropriation Type (\$000)

Total OMA/OMN/3400/OM DHP: 16
Installed Equipment - Other Appropriations: 641
Total Related Furniture & Equipment Amount: 657